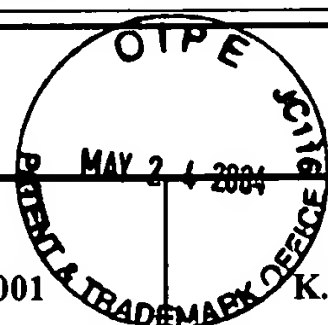


1645 \$
JFR

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
15470ZYXW
(PC9047D)

In Re Application Of: **David S. Roberts**



Serial No.
09/758,902

Filing Date
January 11, 2001

Examiner
K.S. Shahnash Shah

Group Art Unit
1645

Title: MULTICOMPONENT CLOSTRIDIAL VACCINE USING SAPONIN ADJUVANTS

Address to:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

37 CFR 1.97(b)

1. ☐ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. ☒ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☐ the statement specified in 37 CFR 1.97(e);

OR

☒ the fee set forth in 37 CFR 1.17(p).

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

(Under 37 CFR 1.97(b) or 1.97(e))

Docket No.

15470ZYXW

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MAY 24 2004

Serial No.

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January 11, 2001

Examiner

K.S. Shahnan Shah

Group Art Unit

1645

MULTICOMPONENT CLOSTRIDIAL VACCINE USING SAPONIN ADJUVANTS**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☒ A check in the amount of \$180.00 is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 19-1013/SSMP as described below.
- ☐ Charge the amount of
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.

Certificate of Transmission by Facsimile*

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (F:

(Date)

Signature

Typed or Printed Name of Person Signing Certificate

Certificate of Mailing by First Class Mail

I certify that this document and fee is being deposited on May 21, 2004 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature of Person Mailing Correspondence

Peter I. Bernstein

Typed or Printed Name of Person Mailing Certificate

*This certificate may only be used if paying by deposit account.

Signature

Dated: May 21, 2004

Peter I. Bernstein

Registration No: 43,497

Scully, Scott, Murphy & Presser

400 Garden City Plaza

Garden City, NY 11530

(516) 742-4343

cc:



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: David S. Roberts

Examiner: Khatol S. Shahnian-Shah

Serial No: 09/758,902

Art Unit: 1645

Filed: January 11, 2001

Docket: 15470ZYXW (PC9047D)

For: MULTICOMPONENT
CLOSTRIDIAL VACCINES USING
SAPONIN ADJUVANTS

Dated: May 21, 2004

Confirmation No.: 1327

Commissioner for Patents
P. O. Box 1450
Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, it is requested that the following references, which are also listed on the attached Form PTO-1449, be made of record in the above-identified case.

1. H.S.H. Seifert, et al., "Prevention of Anaerobic Infections in Ruminants in Madagascar by Means of the Intradermal Administration of Ultrafiltered Toxoids Obtained from Local Clostridia", Dtsch. Tierärztl. Wschr., Vol. 90, No. 7, pp. 274-279 (1983) (*Copy of English Translation is Attached*);

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, United States Patent and Trademark Office, P. O. Box 1450, Alexandria, VA 22313-1450, on May 21, 2004.

Dated: May 21, 2004


Peter I. Bernstein

05/26/2004 MAHME1 00000022 09758902

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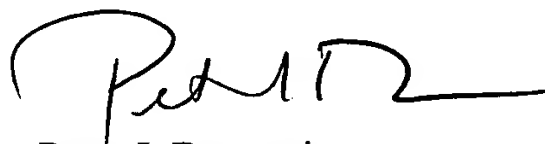
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2. H.S.H. Seifert, et al., "Differentiation of Pathogenic Clostridia from Material Collected in the Field and of Reference Strains by Means of Biostatistical Analysis of the Quantitatively Recorded Metabolic Fatty Acid Patterns of the Agents", Zbl. Bakt. Hyg., Vol. 251, pp. 83-113 (1981) (*Abstract is in English*);
3. S.V. Primal, et al., "The Protective Effect of Vaccination Against Experimental Pneumonia in Cattle with *Haemophilus Somnus* Outer Membrane Antigens and Interference by Lipopolysaccharide", Can. J. Vet. Res., Vol. 54, pp. 326-330, (1990);
4. A.W.D. Lepper, et al., "A *Moraxella Bovis* Pili Vaccine Produced by Recombinant DNA Technology for the Prevention of Infectious Bovine Keratoconjunctivitis", Veterinary Microbiology, Vol. 36, pp. 175-183, (1993); and
5. S. Chandrasekaran, et al., "Evaluation of Combined Pasteurella Vaccines in Control of Sheep Pneumonia", British Veterinary Journal, Vol. 147, No. 5, pp. 437-442, (1991).

Applicant is submitting copies of the above-cited references.

Inasmuch as this Information Disclosure Statement is being submitted in accordance with the schedule set out in 37 C.F.R. § 1.97(c), a check in the amount of \$180.00 is enclosed.

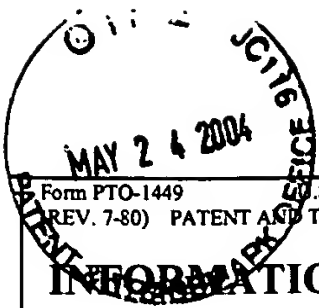
Respectfully submitted,



Peter I. Bernstein
Registration No. 43,497

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Garden City, NY 11530
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XZ:ab



Form PTO-1449
REV. 7-80) U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE CITATION*(Use several sheets if necessary)***Atty. Docket No. (Optional)**

15470ZYXW (PC9047D)

Application Number

09/758,902

Applicant(s)

David S. Roberts

Filing Date

January 11, 2001

Group Art Unit

1645

U.S. PATENT DOCUMENTS

EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (if appropriate)
	AA						

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	1.	H.S.H. Seifert, et al., "Prevention of Anaerobic Infections in Ruminants in Madagascar by Means of the Intradermal Administration of Ultrafiltered Toxoids Obtained from Local Clostridia", <u>Dtsch. Tierärztl. Wschr.</u> , Vol. 90, No. 7, pp. 274-279 (1983) <i>(Copy of English Translation is Attached)</i>
	2.	H.S.H. Seifert, et al., "Differentiation of Pathogenic Clostridia from Material Collected in the Field and of Reference Strains by Means of Biostatistical Analysis of the Quantitatively Recorded Metabolic Fatty Acid Patterns of the Agents", <u>Zbl. Bakt. Hyg.</u> , Vol. 251, pp. 83-113 (1981) <i>(Abstract is in English)</i>
	3.	S.V. Primal, et al., "The Protective Effect of Vaccination Against Experimental Pneumonia in Cattle with <i>Haemophilus Somnus</i> Outer Membrane Antigens and Interference by Lipopolysaccharide", <u>Can. J. Vet. Res.</u> , Vol. 54, pp. 326-330, (1990)
	4.	A.W.D. Lepper, et al., "A <i>Moraxella Bovis</i> Pili Vaccine Produced by Recombinant DNA Technology for the Prevention of Infectious Bovine Keratoconjunctivitis", <u>Veterinary Microbiology</u> , Vol. 36, pp. 175-183, (1993)
	5.	S. Chandrasekaran, et al., "Evaluation of Combined Pasteurella Vaccines in Control of Sheep Pneumonia", <u>British Veterinary Journal</u> , Vol. 147, No. 5, pp. 437-442, (1991)

EXAMINER**DATE CONSIDERED**

* **EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.